



PTO/SB/122 (04-05)

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**CHANGE OF  
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Application**

Address to:  
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P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	10/730,705
Filing Date	12-08-2003
First Named Inventor	Borugian, Dennis
Art Unit	2636
Examiner Name	LIEU, JULIE BICHNGOC
Attorney Docket Number	16-122 D1

Please change the Correspondence Address for the above-identified patent application to:

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Individual Name Volvo Corporate Patents

Address 7825 National Service Road  
M.S. AP1/3-41

City Greensboro

State NC

Zip 27409

Country U.S.A.

Telephone 336-393-2270

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martin.farrell@volvo.com

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I am the:

- ☐ Applicant/Inventor
- ☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or agent of record. Registration Number 35506
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature

Typed or Printed  
Name Martin Farrell

Date

18 Oct 2005

Telephone 336-393-2270

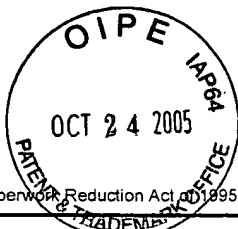
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



\*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/80 (04-05)

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
Martin Farrell	35506		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name	Volvo Corporate Patents		
Address	7825 National Service Rd. M.S. AP1/3-41		
City	Greensboro	State	NC
Country	U.S.A.		
Telephone	336-393-2270	Email	martin.farrell@volvo.com

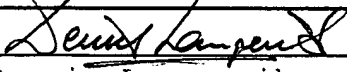
Assignee Name and Address:

Volvo Trucks North America Inc.  
7900 National Service Road  
Greensboro, NC 27409-6115

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

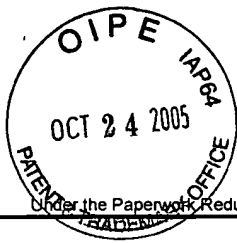
**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	05-10-17
Name	Dennis Langervik	Telephone	336-393-2782
Title	Vice President Product Development		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Volvo Trucks North America, Inc.

Application No./Patent No.: 10/730,705 Filed/Issue Date: 12-08-2003

Entitled: Vehicle security and maintenance

Volvo Trucks North America, Inc. (Greensboro, NC), a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012672, Frame 0877, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Martin Farrell

18 Oct 2005

Signature

Date

Martin Farrell

(336) 393-2270

Printed or Typed Name

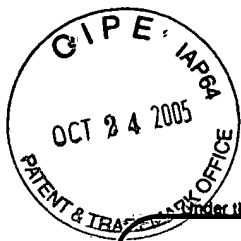
Telephone Number

Senior Patent Attorney

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (09-04)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	See Attached List	
	Filing Date	See Attached List	
	First Named Inventor	See Attached List	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	33 sets	Attorney Docket Number	See Attached list

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Volvo Corporate Patents		
Signature			
Printed name	Martin Farrell		
Date	October 20, 2005	Reg. No.	35506

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Tobie Worley	Date	October 20, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## ATTACHMENT FOR PTO/SB21 TRANSMITTAL FORM

<u>Application/Patent No.</u>	<u>File/Issue Date</u>	<u>First Named Inventor</u>	<u>Attorney Docket</u>
10/850,497	05-20-2004	Burchett, Chad	16-539
10/478,114	11-18-2003	Yeakel, Willard	16-318
10/092,318	03-06-2002	Borugian, Dennis	16-069
10/287,291	11-04-2002	Svartz, Bjorn	16-139
10/425,278	04-29-2003	Borugian, Dennis	15-745 C1
10/730,705	12-08-2003	Borugian, Dennis	16-122 D1
10/263,123	10-02-2002	Gustavsson, Tommy	15-763
10/092,318	03-06-2002	Borugian, Dennis	16-069
10/287,315	11-04-2002	Svartz, Bjorn	16-136
10/979,711	11-02-2004	Langervik, Dennis	15-742D1C1
10/619,407	07-15-2003	Sorrells, Michael	16-356
10/773,978	02-06-2004	Bird, James	16-411
11/111,189	04-21-2005	Baginski, Frank T	16-257D1
11/047,133	01-31-2005	Svartz, Bjorn	15-690 D2
D509,779	09-20-2005	Perfetti, Ruben	D12/196
11/111,149	04-21-2005	Fowler, Arthur N	16-221 D1
29/196,886	01-07-2004	Perfetti, Ruben	16-282
10/820,833	04-08-2004	Carr, Steven	16-511
10/380,598	04-23-2004	Hunt, Thomas Steven	16-487
10/830,642	04-23-2004	Bird, James	16-512

<u>Application/Patent No.</u>	<u>File/Issue Date</u>	<u>First Named Inventor</u>	<u>Attorney Docket</u>
6,394,211	05-28-2002	Palenchar, Thomas J	13-243C1
5,794,733	08-18-1998	Stosel, Dennis E	13-611
6,428,044	08-23-2001	Ghantae, Srikant	15-761
6,475,558	11-05-2002	Baginski, Frank T	15-721
5,376,457	12-27-1994	Smith, William C	13-195
6,484,127	11-19-2002	Langervik, Dennis	15-746
6,502,655	01-07-2003	Peddycord, Jeff	15-723
6,554,338	04-29-2003	Spence, William	16-134
6,536,381	03-25-2003	Langervik, Dennis	15-762
6,581,728	06-24-2003	Borugian, Dennis	15-745
6,532,910	03-18-2003	Langervik, Dennis	15-742
6,572,146	06-03-2003	Baginski, Frank T	15-721D1
D507,361	07-12-2005	Wood, James	16-279